

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

Sacramento Maintenance Yard Willow Slough Bypass

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Willow Slough Bypass or North Levee	Left	5.05	04/12/2018 04/12/2018	Zach Jojola

LM Start		Rating **	A	Issue No.	6
LM End		Issue Type +	Ma	Location *	N/A
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Operations & Maintenance Manuals			°	°
				°	°
DWR ID	DWR_ST0012_01_s _ 2013_6				
Comment Code					
Inspector Comment					
Sacramento Maintenance Yard has copies of their O&M manuals.					

No Photos

LM Start		Rating **	A	Issue No.	7
LM End		Issue Type +	Ma	Location *	N/A
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Emergency Supplies & Equipment			°	°
				°	°
DWR ID	DWR_ST0012_01_s _ 2013_7				
Comment Code					
Inspector Comment					
Sacramento Maintenance Yard has a stockpile of flood response material.					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Willow Slough Bypass or North Levee	Left	5.05	04/12/2018 04/12/2018	Zach Jojola

LM Start		Rating **	A	Issue No.	8
LM End		Issue Type +	Ma	Location *	N/A
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Flood Preparedness & Training				
DWR ID	DWR_ST0012_01_s _ 2013_8				
Comment Code					
Inspector Comment					
Sacramento Maintenance Yard has a written flood response plan and flood fight training.					

No Photos

LM Start	0.03	Rating **	M	Issue No.	5
LM End	2.36	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.590791 °	38.590508 °	
			-121.665786 °	-121.708792 °	
DWR ID	DWR_ST0012_01_s _ 2018_5				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

No Photos

LM Start	0.69	Rating **	M	Issue No.	9
LM End	1.56	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.590519 °	38.590398 °	
			-121.678024 °	-121.694155 °	
DWR ID	DWR_ST0012_01_s _ 2018_9				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Willow Slough Bypass or North Levee	Left	5.05	04/12/2018 04/12/2018	Zach Jojola

LM Start	2.93	Rating **	M	Issue No.	10
LM End	3.00	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			38.590572 °	38.590653 °
				-121.719349 °	-121.720714 °
DWR ID	DWR_ST0012_01_s_2015_10				
Comment Code					
E1 : Note and monitor erosion site.					
Inspector Comment					

Photo 1 of 1 : SP_2018_ST0012_295_10_20180306_00003.jpg



View of the erosion on the landward side of the levee looking upstream.
Fall 2015.

LM Start	3.42	Rating **	M	Issue No.	12
LM End	5.03	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.590654 °	38.600078 °
				-121.728388 °	-121.752834 °
DWR ID	DWR_ST0012_01_s_2018_12				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

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Sacramento Maintenance Yard Willow Slough Bypass

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Willow Slough Bypass or North Levee	Left	5.05	04/12/2018 04/12/2018	Zach Jojoia

LM Start	3.42	Rating **	M	Issue No.	11
LM End	5.03	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.590654 °	38.600078 °	
			-121.728388 °	-121.752835 °	
DWR ID	DWR_ST0012_01_s _ 2018_11				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

No Photos

LM Start	3.50	Rating **	C	Issue No.	3
LM End	3.50	Issue Type +	Ma	Location *	CR
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Crown Surface / Depressions / Rutting		38.590731 °	38.590731 °	
			-121.729906 °	-121.729906 °	
DWR ID	DWR_ST0012_01_f _ 2016_3				
Comment Code					
C2 : Repair depressions or ruts in the crown or slope.					
Inspector Comment					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

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Sacramento Maintenance Yard Willow Slough Bypass

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Willow Slough Bypass or South Levee	Right	7.46	04/12/2018 04/12/2018	Zach Jojola

LM Start	0.03	Rating **	M	Issue No.	16
LM End	1.58	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.599093 °	38.590039 °
				-121.753994 °	-121.730679 °
DWR ID	DWR_ST0012_02_s_2018_16				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

No Photos

LM Start	0.03	Rating **	A/W	Issue No.	14
LM End	0.03	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			38.598926 °	38.598926 °
				-121.753893 °	-121.753893 °
DWR ID	DWR_ST0012_02_f_2017_14				
Comment Code					
E2 : Schedule repair of erosion site prior to the next inspection.					
Inspector Comment					
Oversized section of levee with approximately 90' crown. Erosion on landside levee berm caused by runoff. Recommend monitoring					

Photo 1 of 2 : SP_2018_ST0012_296_14_20180413_00035.jpg



Updated view of erosion. Spring 2018.

LM Start	0.03	Rating **	A/W	Issue No.	14 (cont)
LM End	0.03	Issue Type +	Ma	Location *	LS

Photo 2 of 2 : SP_2018_ST0012_296_14_20180306_00018.jpg



View of erosion on landside slope. Fall 2017.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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Sacramento Maintenance Yard Willow Slough Bypass

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Willow Slough Bypass or South Levee	Right	7.46	04/12/2018 04/12/2018	Zach Jojola

LM Start	0.10	Rating **	M	Issue No.	4
LM End	1.58	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.599119 °	38.590039 °
				-121.752599 °	-121.730679 °
DWR ID	DWR_ST0012_02_s_2018_4				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

No Photos

LM Start	1.21	Rating **	A/W	Issue No.	23
LM End	1.21	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			38.593368 °	38.593368 °
				-121.735605 °	-121.735605 °
DWR ID	DWR_ST0012_02_f_2016_23				
Comment Code					
E1 : Note and monitor erosion site.					
Inspector Comment					
Erosion on waterward side at utility crossing. Doesn't appear to be within prism, but should be monitored.					

Photo 1 of 1 : SP_2018_ST0012_296_23_20180306_00027.jpg



View of an erosion site around UCIP pipe FSID 13725 on waterward side of the levee. Fall 2016.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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Sacramento Maintenance Yard Willow Slough Bypass

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Willow Slough Bypass or South Levee	Right	7.46	04/12/2018 04/12/2018	Zach Jojola

LM Start	1.57	Rating **	M	Issue No.	29
LM End	1.57	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.590064 °	38.590064 °
				-121.730723 °	-121.730723 °
DWR ID	DWR_ST0012_02_s_2017_29				
Comment Code					
S3 : Repair the levee slope damaged by vehicle traffic and prevent access where possible.					
Inspector Comment					
Tire damage on landside levee slope.					

Photo 1 of 1 : SP_2018_ST0012_296_29_20180306_00028.jpg



View of tire damage on landside levee slope. Spring 2017.

LM Start	1.65	Rating **	M	Issue No.	21
LM End	7.45	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.589991 °	38.574400 °
				-121.729386 °	-121.638783 °
DWR ID	DWR_ST0012_02_s_2018_21				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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Sacramento Maintenance Yard Willow Slough Bypass

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Willow Slough Bypass or South Levee	Right	7.46	04/12/2018 04/12/2018	Zach Jojola

LM Start	1.77	Rating **	M	Issue No.	8
LM End	1.77	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			38.589966 °	38.589966 °
				-121.727072 °	-121.727072 °
DWR ID	DWR_ST0012_02_s _ 2012_8				
Comment Code					
E1 : Note and monitor erosion site.					
Inspector Comment					
Erosion on waterside stability berm, at the edge of the road. Recommend monitoring.					

Photo 1 of 1 : SP_2018_ST0012_296_8_20180306_00008.jpg



View of the erosion on the edge of the channel looking downstream. Fall 2015.

LM Start	1.98	Rating **	M	Issue No.	22
LM End	7.45	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.589906 °	38.574400 °
				-121.723246 °	-121.638783 °
DWR ID	DWR_ST0012_02_s _ 2018_22				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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Sacramento Maintenance Yard Willow Slough Bypass

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Willow Slough Bypass or South Levee	Right	7.46	04/12/2018 04/12/2018	Zach Jojola

LM Start	2.04	Rating **	A/W	Issue No.	5
LM End	2.04	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			38.589906 °	38.589906 °
				-121.722218 °	-121.722218 °
DWR ID	DWR_ST0012_02_s_2012_5				
Comment Code					
E1 : Note and monitor erosion site.					
Inspector Comment					

Photo 1 of 2 : SP_2018_ST0012_296_5_20180306_00003.jpg



View of the erosion on the edge of the channel on the waterward side of the levee looking downstream. Fall 2015.

LM Start	2.04	Rating **	A/W	Issue No.	5 (cont)
LM End	2.04	Issue Type +	Ma	Location *	WS

Photo 2 of 2 : SP_2018_ST0012_296_5_20180306_00004.jpg



View of the erosion on the edge of the channel on the waterward side of the levee looking downstream. Spring 2016.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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Sacramento Maintenance Yard Willow Slough Bypass

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Willow Slough Bypass or South Levee	Right	7.46	04/12/2018 04/12/2018	Zach Jojola

LM Start	2.25	Rating **	A/W	Issue No.	19
LM End	2.25	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			38.589845 °	38.589845 °
				-121.718292 °	-121.718292 °
DWR ID	DWR_ST0012_02_f_2015_19				
Comment Code					
E1 : Note and monitor erosion site.					
Inspector Comment					
Erosion creeping onto toe road.					

Photo 1 of 2 : SP_2018_ST0012_296_19_20180306_00024.jpg



View of the erosion at the edge of the channel on the waterward side of the levee looking downstream. Fall 2015.

LM Start	2.25	Rating **	A/W	Issue No.	19 (cont)
LM End	2.25	Issue Type +	Ma	Location *	WS

Photo 2 of 2 : SP_2018_ST0012_296_19_20180306_00025.jpg



View of the erosion at the edge of the channel on the waterward side of the levee looking downstream. Spring 2016.

*** Location**
LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

**** Rating**
A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

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Sacramento Maintenance Yard Willow Slough Bypass

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Willow Slough Bypass or South Levee	Right	7.46	04/12/2018 04/12/2018	Zach Jojola

LM Start	2.73	Rating **	A/W	Issue No.	20
LM End	2.73	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			38.589707 °	38.589707 °
				-121.709429 °	-121.709429 °
DWR ID	DWR_ST0012_02_f_2015_20				
Comment Code					
E1 : Note and monitor erosion site.					
Inspector Comment					
Erosion starting to creep onto the toe road.					

Photo 1 of 1 : SP_2018_ST0012_296_20_20180306_00026.jpg



View of the erosion at the edge of the channel looking downstream. Fall 2015.

LM Start	2.82	Rating **	A/W	Issue No.	10
LM End	2.82	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			38.589691 °	38.589691 °
				-121.707740 °	-121.707740 °
DWR ID	DWR_ST0012_02_f_2014_10				
Comment Code					
E1 : Note and monitor erosion site.					
Inspector Comment					

Photo 1 of 2 : SP_2018_ST0012_296_10_20180306_00012.jpg



Erosion on toe road. Fall 2014.

LM Start	2.82	Rating **	A/W	Issue No.	10 (cont)
LM End	2.82	Issue Type +	Ma	Location *	WS

Photo 2 of 2 : SP_2018_ST0012_296_10_20180306_00013.jpg



View of the erosion on the toe road looking downstream. Spring 2016.

* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	

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Sacramento Maintenance Yard Willow Slough Bypass

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Willow Slough Bypass or South Levee	Right	7.46	04/12/2018 04/12/2018	Zach Jojola

LM Start	2.97	Rating **	A/W	Issue No.	9
LM End	2.97	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			38.589686 °	38.589686 °
				-121.705041 °	-121.705041 °
DWR ID	DWR_ST0012_02_f_2014_9				
Comment Code					
E1 : Note and monitor erosion site.					
Inspector Comment					

LM Start	2.97	Rating **	A/W	Issue No.	9 (cont)
LM End	2.97	Issue Type +	Ma	Location *	WS

Photo 1 of 3 : SP_2018_ST0012_296_9_20180306_00009.jpg



An updated view of erosion site on waterward side. Fall 2016.

Photo 2 of 3 : SP_2018_ST0012_296_9_20180306_00010.jpg



Erosion on toe road. Fall 2014.

LM Start	2.97	Rating **	A/W	Issue No.	9 (cont)
LM End	2.97	Issue Type +	Ma	Location *	WS

Photo 3 of 3 : SP_2018_ST0012_296_9_20180306_00011.jpg



View of the erosion on the waterward side of the levee looking downstream. Fall 2015.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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Sacramento Maintenance Yard Willow Slough Bypass

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Willow Slough Bypass or South Levee	Right	7.46	04/12/2018 04/12/2018	Zach Jojola

LM Start	2.98	Rating **	M	Issue No.	12
LM End	2.98	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.589673 °	38.589673 °
				-121.704690 °	-121.704690 °
DWR ID	DWR_ST0012_02_f_2017_12				
Comment Code					
S3 : Repair the levee slope damaged by vehicle traffic and prevent access where possible.					
Inspector Comment					
Tire ruts on landside slope.					

Photo 1 of 1 : SP_2018_ST0012_296_12_20180306_00017.jpg



View of tire ruts on landside slope. Fall 2017.

LM Start	3.60	Rating **	M	Issue No.	6
LM End	3.60	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.589552 °	38.589552 °
				-121.693408 °	-121.693408 °
DWR ID	DWR_ST0012_02_f_2017_6				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					
Burrow hole on landside slope near access ramp.					

Photo 1 of 1 : SP_2018_ST0012_296_6_20180306_00005.jpg



View of burrow hole near access ramp on landside. Fall 2017.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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Sacramento Maintenance Yard Willow Slough Bypass

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Willow Slough Bypass or South Levee	Right	7.46	04/12/2018 04/12/2018	Zach Jojola

LM Start	3.95	Rating **	A/W	Issue No.	18
LM End	3.95	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			38.589508 °	38.589508 °
				-121.686850 °	-121.686850 °
DWR ID	DWR_ST0012_02_s_2016_18				
Comment Code					
E1 : Note and monitor erosion site.					
Inspector Comment					

Photo 1 of 1 : SP_2018_ST0012_296_18_20180306_00023.jpg



View of the erosion on the waterward side looking downstream. Spring 2016.

LM Start	4.09	Rating **	A/W	Issue No.	24
LM End	4.09	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			38.589538 °	38.589538 °
				-121.684177 °	-121.684177 °
DWR ID	DWR_ST0012_02_s_2018_24				
Comment Code					
E1 : Note and monitor erosion site.					
Inspector Comment					
Runoff erosion on waterside toe road. Recommend monitoring.					

Photo 1 of 1 : SP_2018_ST0012_296_24_20180413_00036.jpg



View of erosion on the waterside toe road. Spring 2018.

* Location
LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

** Rating
A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

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Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

Sacramento Maintenance Yard Willow Slough Bypass

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Willow Slough Bypass or South Levee	Right	7.46	04/12/2018 04/12/2018	Zach Jojola

LM Start	4.29	Rating **	A/W	Issue No.	11
LM End	4.29	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			38.589550 °	38.589550 °
				-121.680632 °	-121.680632 °
DWR ID	DWR_ST0012_02_f_2014_11				
Comment Code					
E1 : Note and monitor erosion site.					
Inspector Comment					
Erosion is near waterside toe on waterside berm at storm drain. Recommend monitoring.					

Photo 1 of 3 : SP_2018_ST0012_296_11_20180306_00014.jpg



An updated view of the erosion site near the WS levee slope. Fall 2016.

LM Start	4.29	Rating **	A/W	Issue No.	11 (cont)
LM End	4.29	Issue Type +	Ma	Location *	WS

Photo 2 of 3 : SP_2018_ST0012_296_11_20180306_00015.jpg



Perspective view of the site. Fall 2016.

LM Start	4.29	Rating **	A/W	Issue No.	11 (cont)
LM End	4.29	Issue Type +	Ma	Location *	WS

Photo 3 of 3 : SP_2018_ST0012_296_11_20180306_00016.jpg



View of the erosion at the edge of the channel on the waterward side of the levee looking downstream. Fall 2015.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

Sacramento Maintenance Yard Willow Slough Bypass

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Willow Slough Bypass or South Levee	Right	7.46	04/12/2018 04/12/2018	Zach Jojola

LM Start	5.05	Rating **	A/W	Issue No.	15
LM End	5.05	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			38.589570 °	38.589570 °
				-121.666588 °	-121.666588 °
DWR ID	DWR_ST0012_02_s_2015_15				
Comment Code					
E1 : Note and monitor erosion site.					
Inspector Comment					
Erosion near levee toe on waterside berm at storm drain. Recommend monitoring.					

LM Start	5.05	Rating **	A/W	Issue No.	15 (cont)
LM End	5.05	Issue Type +	Ma	Location *	WS

Photo 1 of 3 : SP_2018_ST0012_296_15_20180306_00019.jpg



An updated view of the erosion site near the levee slope. Fall 2016.

Photo 2 of 3 : SP_2018_ST0012_296_15_20180306_00020.jpg



View of the erosion on the edge of the channel on the waterward side of the levee. Spring 2015.

LM Start	5.05	Rating **	A/W	Issue No.	15 (cont)
LM End	5.05	Issue Type +	Ma	Location *	WS

Photo 3 of 3 : SP_2018_ST0012_296_15_20180306_00021.jpg



View of the erosion at the edge of the channel on the waterward side of the levee looking downstream. Fall 2015.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

Sacramento Maintenance Yard Willow Slough Bypass

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Willow Slough Bypass or South Levee	Right	7.46	04/12/2018 04/12/2018	Zach Jojola

LM Start	5.09	Rating **	A/W	Issue No.	17
LM End	5.09	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			38.589565 °	38.589565 °
				-121.665731 °	-121.665731 °
DWR ID	DWR_ST0012_02_f_2016_17				
Comment Code					
E1 : Note and monitor erosion site.					
Inspector Comment					

Photo 1 of 1 : SP_2018_ST0012_296_17_20180306_00022.jpg



View of a site that may become a larger erosion site in the future.
Waterward side of the levee looking downstream. Fall 2016.

LM Start	5.59	Rating **	C	Issue No.	32
LM End	5.59	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			38.589532 °	38.589532 °
				-121.656631 °	-121.656631 °
DWR ID	DWR_ST0012_02_s_2017_32				
Comment Code					
E2 : Schedule repair of erosion site prior to the next inspection.					
Inspector Comment					
Erosion is near levee toe on stability berm at storm drain. There is also an adjacent sinkhole approximately 3' deep. Recommend repairing sinkhole.					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

Sacramento Maintenance Yard Willow Slough Bypass

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Willow Slough Bypass or South Levee	Right	7.46	04/12/2018 04/12/2018	Zach Jojola

LM Start	7.02	Rating **	M	Issue No.	25
LM End	7.02	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.575607 °	38.575607 °
				-121.646203 °	-121.646203 °
DWR ID	DWR_ST0012_02_s _ 2018_25				
Comment Code					
S3 : Repair the levee slope damaged by vehicle traffic and prevent access where possible.					
Inspector Comment					
Rutts on waterside slope.					

No Photos

LM Start	7.11	Rating **	C	Issue No.	3
LM End	7.12	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Cracking			38.574960 °	38.574925 °
				-121.644928 °	-121.644664 °
DWR ID	DWR_ST0012_02_f _ 2017_3				
Comment Code					
CR1 : Monitor and have inspected by geotechnical engineer.					
Inspector Comment					
100' crack on landside hinge point approximately 6" deep. Recommend monitoring.					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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